

Appendix D

Water Quality Data and Reports



Field Data and Observation Sheet

PLEASANT GROVE/CURRY CREEKS

Sampling Date: <u>4/30/04</u>	Start Time: <u>9:15 AM</u>	Collector(s): <u>David Baker, Christian Caverton & Ed Sullivan</u>
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Site ID	Sample Location Latitude/Longitude	Temp. °C	pH	Conductance (uS)	Specific Conductivity (uS)	Dissolved Oxygen (%) (mg/L)		Turbidity (NTU)	Velocity (feet/second)
C-1 9:35 AM	Curry Creek @ Pleasant Grove Road N38° 47.491 /W121° 29.290	15.7 15.7	7.34 7.30	345.8 346.0	421.7 421.4	31.6 29.7	7.00 2.96	421 423	0.13 18°C
PG-5 10:10 AM	Pleasant Grove Canal N38° 49.283 /W121° 31.532	20.3 20.3	7.28 7.22	120.8 121.0	133.1 133.3	68.6 66.0	5.95 5.91	41.9 41.6	20.0 17.5°C
PG-3 11:35 AM	Pleasant Grove Creek @ Fidelity Rd. N38° 47.842 /W121° 21.152	19.5 18.9	7.96 8.09	360.4 358.2	404.7 404.9	77.1 72.7	6.92 6.74	7.62 6.86	20.0 28°C
K-1 12:10 PM	Kasobury Creek @ Sun City Reservoir N38° 46.113 /W121° 20.561	20.9 20.7	7.39 7.39	168.5 168.2	183.6 183.7	61.9 63.0	5.65 5.57	1.81 1.89	20.0 25°C
PG-1 12:50 PM	Pleasant Grove Creek @ mile Sun Foot Hills Road N38° 48.257 /W121° 18.995	21.0 21.0	7.94 7.95	508 508	548 548	97.2 91.0	8.43 8.18	5.63 5.30	20.0 29°C
	N38° _____ /W121° _____								
	N38° _____ /W121° _____								
	N38° _____ /W121° _____								
	N38° _____ /W121° _____								
	N38° _____ /W121° _____								

Field Equipment			Meter Calibration/Check <small>(See Attached Sheet)</small>		
YSI 63 pH, Conductivity & Temperature Probe	(1) S/N 01L0369 AD <input checked="" type="checkbox"/> (2) S/N 01K0761 AC <input type="checkbox"/>		pH Stds. Calibration	pH Checks	pH Checks
			____ 7.00 @ 25°C	____ @ ____ °C	____ @ ____ °C
			____ 4.00 @ 25°C	____ @ ____ °C	____ @ ____ °C
			____ 10.00 @ 25°C	____ @ ____ °C	____ @ ____ °C
YSI 550 Dissolved Oxygen (D.O.) & Temperature Probe	(1) S/N 01L0019 AD <input checked="" type="checkbox"/> (2) S/N 01L0019 AE <input type="checkbox"/>		Cond. Stds. Calibration	Conductivity Checks	Conductivity Checks
			____ 1,000 uS @ 25°C	____ uS ____ °C	____ uS ____ °C
Hach 2100P NTU Turbidity Meter	(1) S/N 010700029786 <input checked="" type="checkbox"/> (2) S/N 010700029779 <input type="checkbox"/>		D.O. Calibration	D.O. Checks	D.O. Checks
			____ % @ ____ °C	____ % @ ____ °C	____ % @ ____ °C
			____ ug/L @ ____ °C	____ ug/L @ ____ °C	____ ug/L @ ____ °C
Global Water FP101 Flow Probe	(1) S/N 002644 <input type="checkbox"/> (2) S/N 002636 <input type="checkbox"/>		Zero O ₂ Soln. Checks	____ ug/L @ ____ °C	____ ug/L @ ____ °C
Garmin GPS 12 XL	S/N 92241268 <input type="checkbox"/>		Probe Settings: Elevation	____ (X 100ft) Salinity	____ (ppt)
Samples Collected for:	Nutrients <input type="checkbox"/>		Turbidity meter readings within 5% of Gelex Standards <input checked="" type="checkbox"/>		
Other: <input type="checkbox"/>	Settling Cone <input type="checkbox"/>				

Field data sheet reviewed by: _____
 Data entered by: _____
 Data entry checked by: _____

Dry Creek Conservancy Calibration Record

Date: 4/30/04 Start Time: 7:15 Stop Time: _____ Name: David Baker, Christian Carleton & Ed Sullivan

YSI 63 pH, Conductivity & Temperature Probe:

Set#1 S/N 01L0369AC ☒
Set#2 S/N 01K0761AC ☐

Three Point pH Calibration using pHydration (1 Tablet → 100mL)

S/N Std.: 7.00 @ 25°C 4.00 @ 25°C 10.00 @ 25°C
Lot # (Exp. Date): 22650 (12/15/05) 211800 (6/1/05) 211500 (4/24/05)

Check: 7.02 @ 22.7 °C 4.03 @ 23.3 °C 10.00 @ 24.9 °C
Duplicate: 7.02 @ 22.7 °C 4.03 @ 23.3 °C 10.00 @ 24.8 °C
End of Day: 7.00 @ 25.9 °C 4.02 @ 24.4 °C 9.94 @ 23.4 °C

Conductivity Calibration ☐ using YSI 3163 1000uS @ 25°C Std. Lot #02L0179 (Exp. 11/04); Check only ☒
air (320)

Check: 997 @ 24.9 °C 0.00 @ 24.5 °C
Duplicate: 998 @ 24.9 °C 0.00 @ 25.3 °C
End of Day: 1003 @ 25.0 °C 0.00 @ 23.5 °C

YSI 550 Dissolved Oxygen (D.O.) & Temperature Probe:

Set#1 S/N 01L0019AD ☒
Set#2 S/N 01L0019AE ☐

Moist Chamber Calibration using % Sat. & mg/L Modes with Settings @ 2 (X100) Elev. & 0.0 ppt Salinity.

Check: 99.3 % @ 22.9 °C 8.53 mg/L @ 22.9 °C Zero Check Solution
Duplicate: 99.3 % @ 22.9 °C 8.54 mg/L @ 22.9 °C
End of Day: 99.2 % @ 23.6 °C 8.50 mg/L @ 22.9 °C 0.02 mg/L @ 22.6 °C

Temperature Check using Certified Thermometer S/N 3L3765

	Cert. Temp.	YSI 63	YSI 550	Cert. Temp.	YSI 63	YSI 550
Check:	°C	°C	°C	°C	°C	°C
Duplicate:	°C	°C	°C	°C	°C	°C

Hach 2100P NTU Turbidity Meter:

Set#1 S/N 010700029786 & Gelex Std. Set #1 ☒
Set#2 S/N 010700029799 & Gelex Std. Set #2 ☐

Primary Stablseal Calibration Stds S/N 26594-05 (Lot # A2352 Exp. 10/04) used to establish Gelex Secondary Stds. Values on 9/26/03

	Set #1			Set #2		
Gelex Stds. (NTU)	5.04	46.9	528	5.10	46.0	530
Check:	5.13	47.5	531			
Duplicate:	5.07	47.3	530			
End of Day:	5.02	46.2	525			

All readings within 5% of Gelex Secondary Standards ☒

DWB 9/27/03

Pleasant Grove & Curry Creeks Field Data and Observation Sheet

Sampling Date: 7/30/04 Start Time: 0730 Collector(s): Edmund & David Page 1 of 1

Site ID	Sample Location Latitude Longitude	Temp. (°C)	Specific Conductance (mS/cm)	D.O. (mg/L)	pH (units)	Depth (m)	T.D.S. (g/L)	D.O. (% Sat.)	Turbidity (NTU)	Velocity (ft/sec)	Field Notes
PG1	N38°45.297W121°18.769	21.66 21.7	0.662 0.662	4.83 4.80	7.59 7.59	0.34	0.4	55.6 54.4	3.0 2.5	0.70	PG1 - 200m samples 200m of sp. sample @ 200m
Description:											
PG3	N38°47.956W121°21.157	22.66	0.526	7.02	7.84	3.073	0.3	79.7	2.0	0 Nil	
Description:											
PG5	N38°47.227W121°21.538	24.95	0.227	3.82	6.93	3.54	0.2	45.2	40.5	0 Nil	
Description:											
C1	N38°47.491W121°21.278	21.5	0.605	2.74	7.31	2.54	0.4	29.8	80.9	Nil	
Description:											
K1	N38°46.112W121°20.564	20.79 20.83	0.207 0.207	1.87 1.68	6.71 6.72	0.554	0.1	20.0 18.9	3.0 2.8	0.5	
Description:											
	N38°										
Description:											
	N38°										
Description:											
	N38°										
Description:											

*Nil - 0 flow visible

Field data sheet reviewed by:	
Data entered by:	
Data entry checked by:	

HYDROLAB QUANTA (Temperature, Specific Conductance, Dissolved Oxygen, pH, Depth & Turbidity Probe)	S/N: QT01631	S/N: 32146
GLOBAL POSITIONING SYSTEM (GPS)	S/N:	Nutrients Settling Cone Other

Pleasant Grove & Curry Creeks Field Data and Observation Sheet

Sampling Date: 10/19/04 Start Time: 10:30 AM Collector(s): C. Carleton, L. R. Vane, E. Sullivan Page 1 of 1

Site ID	Sample Location Latitude Longitude	Temp. (°C)	Specific Conductance (mS/cm)	D.O. (mg/L)	pH (units)	Depth (m)	T.D.S. (g/L)	D.O. (% Sat.)	Turbidity (NTU)	Velocity (ft/sec)	Field Notes
PG1	N38° W121°	14.57	0.529	1.90	7.55	3.19	6.4	18.0	15.6	1.12	First Flush, began raining @ ~ 6 AM
Description:	10:30 AM	14.59	0.527	6.87	7.57	3.1	0.4	67.3	60.5	1.1	PG1 - car in creek upstream from sample location.
PG3	N38° W121°	12.7	0.295	4.22	7.4	3.1	0.2	48.4	38.2	1.1	PG3 - 10:55 AM
Description:	11:30 AM	12.7	0.295	4.22	7.4		0.2	48.4	38.2		200554600, 38 (4N) 07.52420, 57.44E
C1	N38° W121°	13.83	0.616	6.02	7.63	4.57	0.4	65.0	78.5	N/A	200554600, 38 (4N) 07.52420, 57.44E
Description:	13:26	13.80	0.617	6.40	7.6	4.57	0.4	63.7	57.0		200554600, 38 (4N) 07.52420, 57.44E
K1	N38° W121°	14.35	0.166	5.62	7.20	6.47	0.1	53.0	99.2	0.46	200554600, 38 (4N) 07.52420, 57.44E
Description:	13:55	14.36	0.166	5.36	7.21		0.1	52.7	12.1		200554600, 38 (4N) 07.52420, 57.44E
1355	N38° W121°	17.07	1.82	9.20	7.50	5.47	0.1	89.3	25.7		200554600, 38 (4N) 07.52420, 57.44E
Description:	13:55	14.07	1.81	7.12	7.51		0.1	83.7	28.2		200554600, 38 (4N) 07.52420, 57.44E
Description:	N38° W121°										
Description:	N38° W121°										
Description:	N38° W121°										

* Nil = No flow visually detected
"-" indicates no recorded value

Field data sheet reviewed by: _____

Data entered by: _____

Data entry checked by: _____

Field Equipment			
HYDROLAB QUANTA (Temperature, Specific Conductance, Dissolved Oxygen, pH, Depth & Turbidity Probe)	S/N: QT01631 S/N:	GLOBAL WATER FLOW PROBE (Model: FP101)	S/N: 32146 S/N:
GLOBAL POSITIONING SYSTEM (Garmin GPS 12XL)	S/N: 92241268	SAMPLES COLLECTED FOR:	Nutrients Settling Cone Other

Pleasant Grove & Curry Creeks Field Data and Observation Sheet

Sampling Date: 2-16-05 Start Time: 945 Collector(s): Carlton, Sullivan, Bunker Page 1 of 1

Site ID	Sample Location Latitude Longitude	Temp. (°C)	Specific Conductance (mS/cm)	D.O. (mg/L)	pH (units)	Depth (m)	T.D.S. (g/L)	D.O. (% Sat.)	Turbidity (NTU)	Velocity (ft/sec)	Field Notes
PG1	N38° W121°	12.23	0.182	8.75	6.63	2.5	0.1	81.1	34.1	~0.8	
Description:	950	12.22	0.182	8.74	6.73		0.1	81.4	28.5		
PG3	N38° W121°	12.18	0.135	9.56	6.77	1.38	0.1	83.3	82.2	0.6	
Description:	1030	12.19	0.158	8.88	6.84	1.04	0.1	82.9	82.2		
PG5	N38° W121°	13.67	0.580	9.28	7.29	1.2	0.4	89.1	45.4	0.6	
Description:	1205	13.60	0.580	9.06	7.33		0.4	87.1	44.9		
C1	N38° W121°	11.55	0.231	5.63	6.86	.812	0.2	53.9	78.0	NA	
Description:	1140	11.42	0.233	6.50	6.90	.827	0.2	52.7	85.5		
K1	N38° W121°	12.04	.075	6.76	6.10	.848	0.1	65	29.1	0.2	
Description:	1100	12.04	.074	6.53	6.07	.938	0.1	60.5	29.9		
	N38° W121°										
Description:											
	N38° W121°										
Description:											
	N38° W121°										
Description:											

* Nil = No flow visually detected
 "-" indicates no recorded value

Field data sheet reviewed by: Carlton
 Data entered by: Mandella
 Data entry checked by: Carlton

Field Equipment			
HYDROLAB QUANTA (Temperature, Specific Conductance, Dissolved Oxygen, pH, Depth & Turbidity Probe)	S/N: QT01631 S/N:	GLOBAL WATER FLOW PROBE (Model: FP101)	S/N: 32446- S/N:
GLOBAL POSITIONING SYSTEM (Garmin GPS 12XL)	S/N: 92241268	SAMPLES COLLECTED FOR: Nutrients Settling Cone Other	Y/N Y/N Y/N

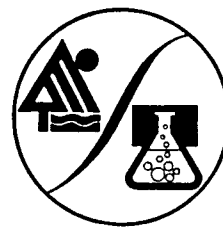
EXCELCHEM

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

**ANALYSIS REPORT**

Attention: Cristian Carleton
 Foothill Associates
 655 Menlo Drive, Suite 100
 Rocklin, CA 95677

Date Sampled: 04/30/04
 Date Received: 04/30/04
 Date Analyzed: 05/07/04

Project: PGCC : WQM03
 Method: EPA 1664

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Oil & Grease	10	ND	10	ND	10	ND	10	ND	10	ND

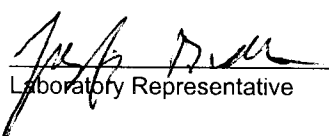
QA/QC %RECOVERY		
	LCS	LCSD
Oil & Grease	82	77

QA/QC Analyzed: 05/07/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


 Laboratory Representative

05/21/04
 Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQM03
Method: R37790

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/06/04

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Ammonia	0.030	0.37	0.030	0.35	0.030	0.54	0.030	0.30	0.030	0.35

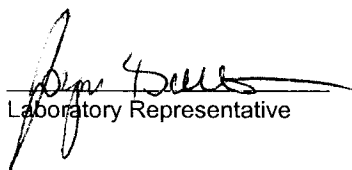
QA/QC %RECOVERY			
	LCS	MS	MSD
Ammonia	99	91	99

QA/QC Analyzed: 05/08/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

05/21/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/07/04

Project: PGCC : WQM03
Method: EPA 415.1

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TOC	3.0	5.1	3.0	11	3.0	8.0	3.0	3.1	3.0	7.9

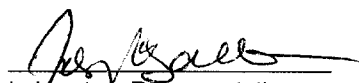
QA/QC %RECOVERY			
	LCS	MS	MSD
TOC	95	97	100

QA/QC Analyzed: 05/07/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

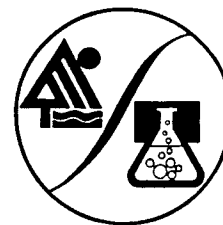
R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

05/21/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQM03

Method: EPA 405.1

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/06/04

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Biochemical Oxygen Demand	5.0	ND	5.0	ND	5.0	5.5	5.0	ND	5.0	ND

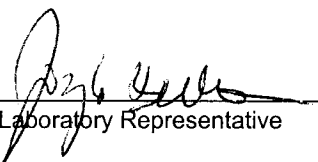
QA/QC %RECOVERY			
	LCS	MS	MSD
Biochemical Oxygen Demand	95	121	111

QA/QC Analyzed: 05/06/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

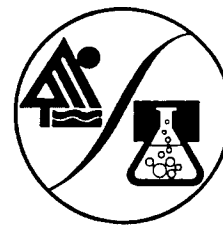
R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

05/21/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

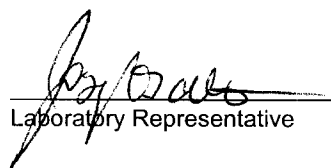
Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/03/04

Project: PGCC : WQM03
Method: EPA 120.1

Client Sample I.D.	PG1	K1	C1	PG5	PG3
LAB. NO.	W0404802	W0404803	W0404804	W0404805	W0404806
ANALYTE	Results	Results	Results	Results	Results
Specific Conductance	560	190	440	130	390

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

Water samples reported in uS/cm


Laboratory Representative

05/21/04
Date Reported

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ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQM03
Method: EPA 160.1

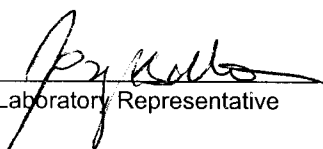
Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/04/04

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TDS	10	380	10	140	10	380	10	110	10	250

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L

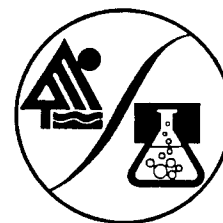

Laboratory Representative

05/21/04
Date Reported

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Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/04/04

Project: PGCC : WQM03
Method: SM 2320B/EPA 310.1

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Hydroxide (as CaCO ₃)	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Carbonate (as CaCO ₃)	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Bicarbonate (as CaCO ₃)	5.0	190	5.0	76	5.0	160	5.0	50	5.0	150

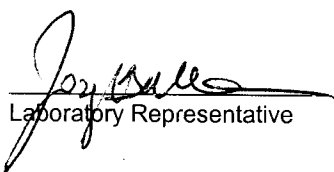
QA/QC %RECOVERY		
	LCS	LCSD
Alkalinity, Total	99	95

QA/QC Analyzed: 05/04/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L

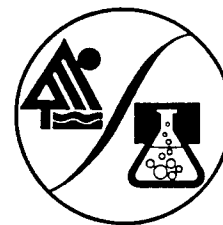

Laboratory Representative

05/21/04
Date Reported

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500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



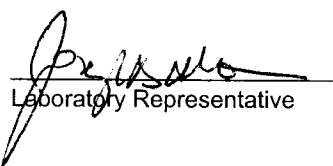
ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQM03
Method: EPA 180.1

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/01/04
Matrix: Water
Units: NTU

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Turbidity	0.10	2.3	0.10	6.3	0.50	450	0.10	44	0.10	8.2

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.
R/L = Reporting Limit


Laboratory Representative

05/21/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/04/04

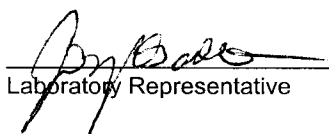
Project: PGCC : WQM03
Method: EPA 160.2

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TSS	1.0	3.0	1.0	2.0	1.0	210	1.0	41	1.0	50

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

05/21/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/01/04

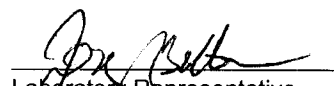
Project: PGCC : WQM03
Method: EPA 160.5

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Settleable Solids	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

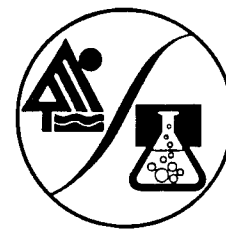
R/L = Reporting Limit

Water samples reported in ml/L


Laboratory Representative

05/21/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled:
Date Received:
Date Analyzed:

04/30/04
04/30/04

Project: PGCC : WQM03
Method: SMEWWW 9221-A, 1603

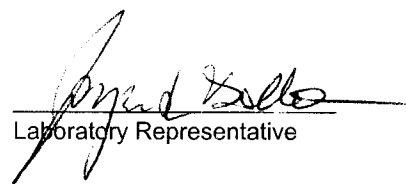
Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Total Coliform	2	490	2	3500	2	78	2	790	2	230
E. Coli		ND		ND		ND		ND		ND

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

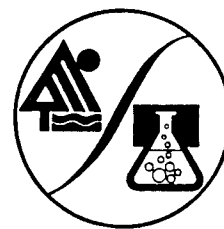
Water samples reported in MPN/100ml

Samples diluted 1:10 at client request.


Laboratory Representative

05/21/04
Date Reported

EXCEL CHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 04/30/04

Project: PGCC : WQM03
Method: EPA 300.0

Client Sample I.D.	PG1		K1		C1		PG5		PG3	
LAB. NO.	W0404802		W0404803		W0404804		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Nitrate	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Nitrite	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Phosphate	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND

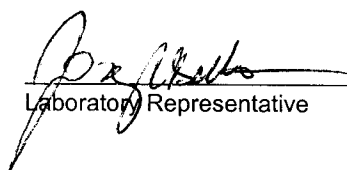
QA/QC %RECOVERY		
	LCS	LCSD
Nitrate	96	97
Nitrite	104	101
Phosphate	107	106

QA/QC Analyzed: 04/30/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

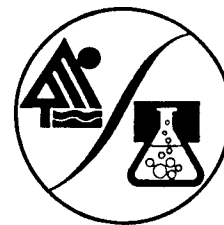
R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

05/21/04
Date Reported

ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQM03
Method: EPA 6020B and EPA 7471A (Hg)

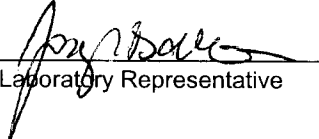
Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/05,17/04

Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	W0404802		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Antimony	0.50	ND	0.50	ND	0.50	ND
Arsenic	1.0	ND	1.0	ND	1.0	ND
Barium	1.0	140	1.0	71	1.0	110
Beryllium	0.50	ND	0.50	ND	0.50	ND
Cadmium	0.50	ND	0.50	ND	0.50	ND
Chromium	8.0	ND	8.0	ND	8.0	ND
Cobalt	0.50	ND	0.50	0.86	0.50	0.50
Copper	1.0	3.1	1.0	4.2	1.0	2.4
Lead	1.0	ND	1.0	1.5	1.0	ND
Mercury	0.25	ND	0.25	ND	0.25	ND
Molybdenum	0.50	0.98	0.50	0.70	0.50	1.0
Nickel	8.0	ND	8.0	ND	8.0	ND
Selenium	0.50	ND	0.50	ND	0.50	ND
Silver	8.0	ND	8.0	ND	8.0	ND
Thallium	0.50	ND	0.50	ND	0.50	ND
Vanadium	1.0	1.9	1.0	3.7	1.0	3.2
Zinc	10	ND	10	ND	10	ND

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

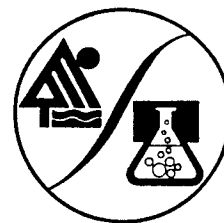
05/21/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



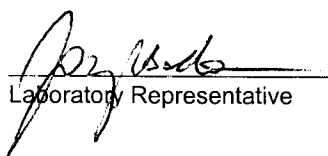
Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQM03
Method: EPA 6020B and EPA 7471A (Hg)

QA/QC %RECOVERY			
	LCS	MS	MSD
Antimony	97	97	99
Arsenic	84	93	92
Barium	97	124	97
Beryllium	101	57	58
Cadmium	97	96	97
Chromium	108	79	87
Cobalt	95	83	82
Copper	99	66	66
Lead	103	98	100
Molybdenum	103	103	103
Nickel	104	78	78
Selenium	81	86	85
Silver	115	93	94
Thallium	99	97	99
Vanadium	83	79	99
Zinc	83	80	69

QA/QC Analyzed: 05/06/04

QA/QC %RECOVERY				
	LCS	LCSD	MS	MSD
Mercury	124	109	100	79

QA/QC Analyzed: 05/17/04


Laboratory Representative

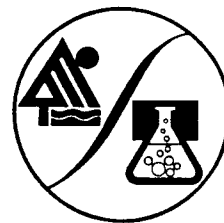
05/21/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

**ANALYSIS REPORT**

Attention: Cristian Carleton
 Foothill Associates
 655 Menlo Drive, Suite 100
 Rocklin, CA 95677

Date Sampled: 04/30/04
 Date Received: 04/30/04
 Date Analyzed: 05/08/04

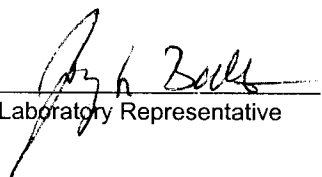
Project: PGCC : WQM03
 Method: EPA 8151

Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	W0404802		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
2,4,5-T	0.8	ND	0.8	ND	0.8	ND
2,4,5-TP(Silvex)	0.4	ND	0.4	ND	0.4	ND
2,4-DB	4.0	ND	4.0	ND	4.0	ND
2,4-D	1.6	ND	1.6	ND	1.6	ND
Dichloroprop	4.0	ND	4.0	ND	4.0	ND
Dinoseb	0.4	ND	0.4	ND	0.4	ND
SURROGATE %RECOVERY						
DCAA	104		111		116	

ND = Not Detected. Compound(s) may be present at concentrations below the reporting limit.

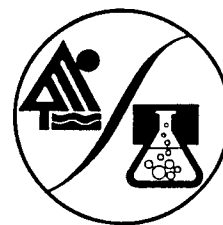
R/L = Reporting Limit

Water samples reported in µg/L


 Laboratory Representative

05/21/04
 Date Reported

EXCELCHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/13/04

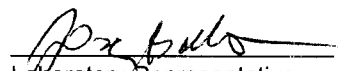
Project: PGCC : WQM03
Method: EPA 8141A - Organophosphate Pesticides

Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	W0404802		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Azinophos Methyl	0.5	ND	0.5	ND	0.5	ND
Bolstar	0.2	ND	0.2	ND	0.2	ND
Coumaphos	0.5	ND	0.5	ND	0.5	ND
Demeton	0.2	ND	0.2	ND	0.2	ND
Diazinon	0.2	ND	0.2	ND	0.2	ND
Dichlorvos	0.2	ND	0.2	ND	0.2	ND
Disulfoton	0.2	ND	0.2	ND	0.2	ND
Dursban (Chlorpyrifos)	0.2	ND	0.2	ND	0.2	ND
Ethoprop	0.2	ND	0.2	ND	0.2	ND
Fensulfothion	0.2	ND	0.2	ND	0.2	ND
Fenthion	0.2	ND	0.2	ND	0.2	ND
Gardona (Stirophos)	0.2	ND	0.2	ND	0.2	ND
Merphos	0.2	ND	0.2	ND	0.2	ND
Methyl Parathion	0.2	ND	0.2	ND	0.2	ND
Mevinphos	0.2	ND	0.2	ND	0.2	ND
Naled	0.2	ND	0.2	ND	0.2	ND
Phorate	0.2	ND	0.2	ND	0.2	ND
Ronnel	0.2	ND	0.2	ND	0.2	ND
Tokuthion	0.2	ND	0.2	ND	0.2	ND
Trichloronate	0.2	ND	0.2	ND	0.2	ND
SURROGATE %RECOVERY						
Tributylphosphate	103		94		93	

ND = Not Detected. Compound(s) may be present at concentrations below the reporting limit.

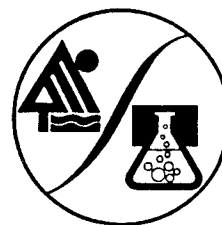
R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

05/21/04
Date Reported

EXCEL CHEM ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQM03
Method: EPA 8081A - Pesticides

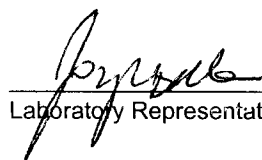
Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/10/04

Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	W0404802		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Alpha-BHC	0.20	ND	0.20	ND	0.40	ND
Beta-BHC	0.20	ND	0.20	ND	0.40	ND
Gamma-BHC	0.20	ND	0.20	ND	0.40	ND
Delta-BHC	0.20	ND	0.20	ND	0.40	ND
Heptachlor	0.20	ND	0.20	ND	0.40	ND
Aldrin	0.20	ND	0.20	ND	0.40	ND
Heptachlor epoxide	0.20	ND	0.20	ND	0.40	ND
Gamma-Chlordane	0.20	ND	0.20	ND	0.40	ND
Endosulfan I	0.20	ND	0.20	ND	0.40	ND
Alpha-Chlordane	0.20	ND	0.20	ND	0.40	ND
4,4'-DDE	0.20	ND	0.20	ND	0.40	ND
Dieldrin	0.20	ND	0.20	ND	0.40	ND
Endrin	0.20	ND	0.20	ND	0.40	ND
Endosulfan II	0.20	ND	0.20	ND	0.40	ND
4,4'-DDD	0.20	ND	0.20	ND	0.40	ND
Endrin aldehyde	0.20	ND	0.20	ND	0.40	ND
Endosulfan sulfate	0.20	ND	0.20	ND	0.40	ND
4,4'-DDT	0.20	ND	0.20	ND	0.40	ND
Endrin ketone	0.20	ND	0.20	ND	0.40	ND
Methoxychlor	0.20	ND	0.20	ND	0.40	ND
SURROGATE %RECOVERY						
TCMX	89		88		89	
Decachlorobiphenyl	91		90		91	

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

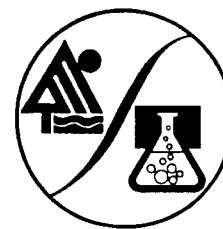
R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

05/21/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

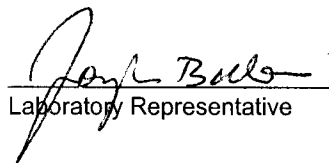
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQM03
Method: EPA 8081A - Pesticides

QA/QC %RECOVERY		
	LCS	LCSD
gamma-BHC	71	65
Heptachlor	92	82
Aldrin	79	73
Dieldrin	78	73
Endrin	78	73
4,4'-DDT	79	73

QA/QC Analyzed: 05/09/04


Laboratory Representative

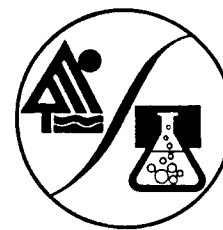
05/21/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Cristian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQM03
Method: EPA 547

Date Sampled: 04/30/04
Date Received: 04/30/04
Date Analyzed: 05/06/04

Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	W0404802		W0404805		W0404806	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Glyphosate	25	ND	25	ND	25	ND
SURROGATE %RECOVERY						
AMPA	124		118		133	

ND = Not detected. Compound(s) may be at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

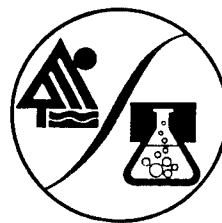
05/21/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 07/30/04
Date Received: 07/30/04
Date Analyzed: 08/06/04

Project: PGCC : WQMONO3
Method: SM 2320B/EPA 310.1

Client Sample I.D.	C1		RG5		K1		PG3		PG1	
LAB. NO.	W0704683 A-B		W0704684 A-B		W0704685 A-B		W0704686 A-B		W0704687 A-B	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Hydroxide (as CaCO ₃)	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Carbonate (as CaCO ₃)	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Bicarbonate (as CaCO ₃)	5.0	220	5.0	100	5.0	70	5.0	68	5.0	200

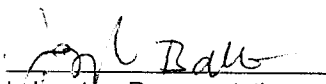
QA/QC %RECOVERY		
	LCS	LCSD
Alkalinity, Total	102	92

QA/QC Analyzed: 08/06/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L

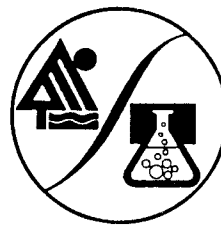

Laboratory Representative

08/09/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 07/30/04
Date Received: 07/30/04
Date Analyzed: 07/30/04

Project: PGCC : WQMONO3
Method: EPA 300.0

Client Sample I.D.	C1		RG5		K1		PG3		PG1	
LAB. NO.	W0704683 A-B		W0704684 A-B		W0704685 A-B		W0704686 A-B		W0704687 A-B	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Nitrate	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Nitrite	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Phosphate	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND

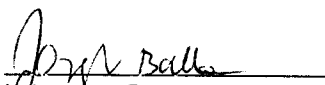
QA/QC %RECOVERY		
	LCS	LCSD
Nitrate	99	101
Nitrite	101	95
Phosphate	101	104

QA/QC Analyzed: 07/30/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

08/09/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMONO3
Method: EPA 405.1

Date Sampled: 07/30/04
Date Received: 07/30/04
Date Analyzed: 08/05/04

Client Sample I.D.	C1		RG5		K1		PG3		PG1	
LAB. NO.	W0704683 A-B		W0704684 A-B		W0704685 A-B		W0704686 A-B		W0704687 A-B	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Biochemical Oxygen Demand	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND

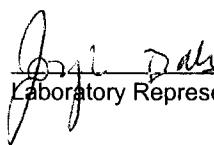
QA/QC %RECOVERY			
	LCS	MS	MSD
Biochemical Oxygen Demand	109	127	41

QA/QC Analyzed: 08/05/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

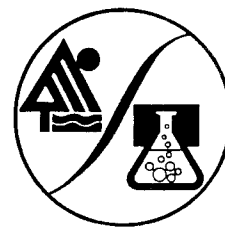
08/09/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

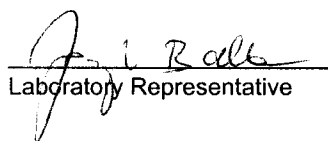
Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQMONO3
Method: EPA 180.1

Date Sampled: 07/30/04
Date Received: 07/30/04
Date Analyzed: 07/31/04
Matrix: Water
Units: NTU

Client Sample I.D.	C1		RG5		K1		PG3		PG1	
LAB. NO.	W0704683 A-B		W0704684 A-B		W0704685 A-B		W0704686 A-B		W0704687 A-B	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Turbidity	0.1	54	0.1	26	0.1	7.8	0.1	3.0	0.1	2.9

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit


Laboratory Representative

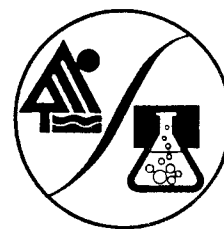
08/09/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMONO3

Method: EPA 160.5

Date Sampled: 07/30/04

Date Received: 07/30/04

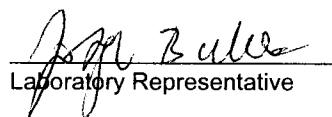
Date Analyzed: 07/31/04

Client Sample I.D.	C1		RG5		K1		PG3		PG1	
LAB. NO.	W0704683 A-B		W0704684 A-B		W0704685 A-B		W0704686 A-B		W0704687 A-B	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Settleable Solids	0.1	ND	0.1	ND	0.1	ND	0.1	ND	0.1	ND

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in ml/L


Laboratory Representative

08/09/04

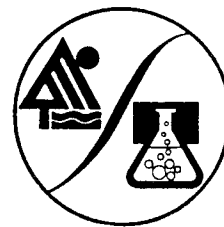
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMONO3

Method: EPA 120.1

Date Sampled: 07/30/04

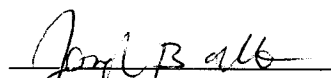
Date Received: 07/30/04

Date Analyzed: 07/30/04

Client Sample I.D.	C1	RG5	K1	PG3	PG1
LAB. NO.	W0704683 A-B	W0704684 A-B	W0704685 A-B	W0704686 A-B	W0704687 A-B
ANALYTE	Results	Results	Results	Results	Results
Specific Conductance	630	230	200	540	680

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

Water samples reported in uS/cm


Laboratory Representative

08/09/04

Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMONO3
Method: EPA 160.1

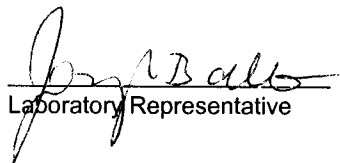
Date Sampled: 07/30/04
Date Received: 07/30/04
Date Analyzed: 08/05/04

Client Sample I.D.	C1		RG5		K1		PG3		PG1	
LAB. NO.	W0704683 A-B		W0704684 A-B		W0704685 A-B		W0704686 A-B		W0704687 A-B	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TDS	10	330	10	120	10	120	10	310	10	360

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

08/09/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMONO3
Method: EPA 160.2

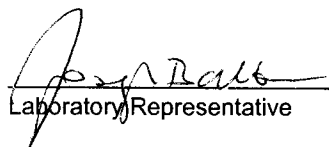
Date Sampled: 07/30/04
Date Received: 07/30/04
Date Analyzed: 08/05/04

Client Sample I.D.	C1		RG5		K1		PG3		PG1	
LAB. NO.	W0704683 A-B		W0704684 A-B		W0704685 A-B		W0704686 A-B		W0704687 A-B	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TSS	1.0	120	1.0	42	1.0	5.0	1.0	4.0	1.0	7.0

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

08/09/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Robin Mahoney
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQMONO3
Method: EPA 350.2

Date Sampled: 07/30/04
Date Received: 07/30/04
Date Analyzed: 08/03/04

Client Sample I.D.	C1		RG5		K1		PG3		PG1	
LAB. NO.	W0704683 A-B		W0704684 A-B		W0704685 A-B		W0704686 A-B		W0704687 A-B	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Ammonia	0.03	ND	0.03	ND	0.03	ND	0.03	ND	0.03	ND

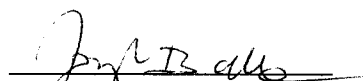
QA/QC %RECOVERY			
	LCS	MS	MSD
Ammonia	97	96	95

QA/QC Analyzed: 08/03/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

08/09/04
Date Reported

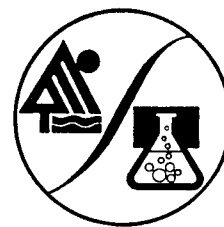
EXCELCHEM

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMON04

Method: EPA 1664

Date Sampled: 10/19/04

Date Received: 10/19/04

Date Analyzed: 11/01/04

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Oil & Grease	10	ND	10	ND	10	ND	10	ND	10	ND

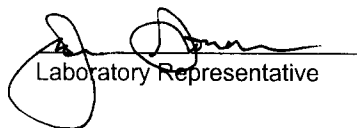
QA/QC %RECOVERY		
	LCS	LCSD
Oil & Grease	99	93

QA/QC Analyzed: 11/01/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

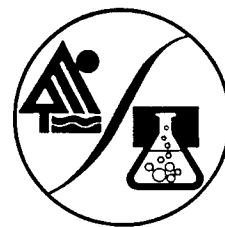
Water samples reported in mg/L


Laboratory Representative

11/04/04

Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQMON04
Method: EPA 405.1

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/26/04

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Biochemical Oxygen Demand	5.0	5.5	5.0	ND	5.0	ND	5.0	ND	5.0	ND

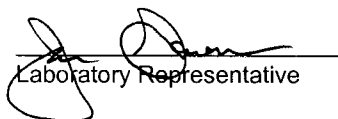
QA/QC %RECOVERY			
	LCS	CMS	CMSD
Biochemical Oxygen Demand	104	132	120

QA/QC Analyzed: 10/26/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

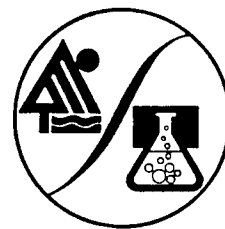
R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

11/04/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/29/04

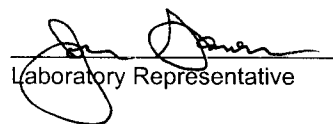
Project: PGCC : WQMON04
Method: EPA 160.5

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Settleable Solids	0.1	55	0.1	22	0.1	9.2	0.1	7.3	0.1	12

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

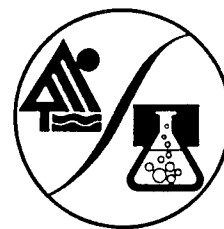
R/L = Reporting Limit

Water samples reported in ml/L


Laboratory Representative

11/04/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/19/04

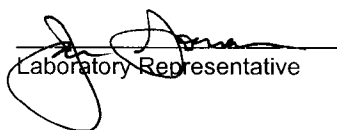
Project: PGCC : WQMON04
Method: EPA 9221

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
E.coli	2.0	>1600	2.0	1600	2.0	1600	2.0	900	2.0	500
Coliform	2.0	>1600	2.0	>1600	2.0	>1600	2.0	>1600	2.0	>1600

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

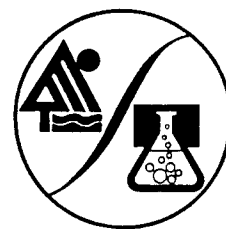
R/L = Reporting Limit

Water samples reported in MPN/100ml


Laboratory Representative

11/04/04
Date Reported

EXCEL CHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

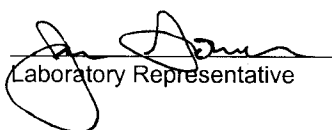
Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/25/04

Project: PGCC : WQMON04
Method: EPA 120.1

Client Sample I.D.	K1	C1	PG1	PG5	PG3
LAB. NO.	0410072-01	0410072-02	0410072-03	0410072-04	0410072-05
ANALYTE	Results	Results	Results	Results	Results
Specific Conductance	160	610	580	290	180

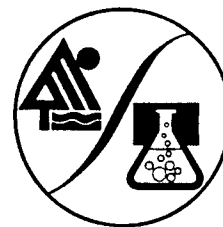
ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

Water samples reported in uS/cm


Laboratory Representative

11/04/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/22/04

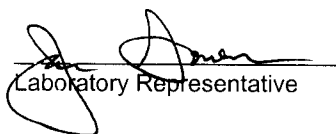
Project: PGCC : WQMON04
Method: EPA 160.1

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TDS	10	120	10	290	10	300	10	96	10	160

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

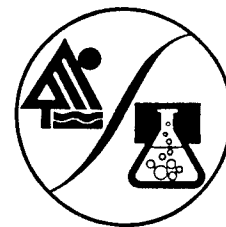
11/04/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 10/19/04
Date Received: 10/19/04
TSS Analyzed: 10/22/04

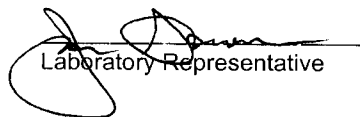
Project: PGCC : WQMON04
Method: EPA 160.2

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TSS	1.0	95	1.0	26	1.0	60	1.0	6.0	1.0	17

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

11/04/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

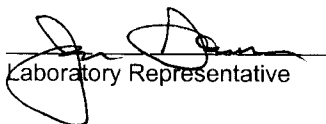
Project: PGCC : WQMON04
Method: EPA 180.1

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/26/04
Matrix: Water
Units: NTU

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Turbidity	0.1	55	0.1	9.2	0.1	22	0.1	12	0.1	7.3

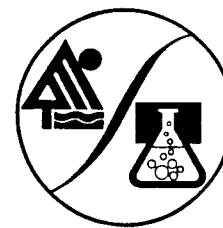
ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit


Laboratory Representative

11/04/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/22/04

Project: PGCC : WQMON04
Method: SM 2320B/EPA 310.1

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Hydroxide (as CaCO ₃)	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Carbonate (as CaCO ₃)	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Bicarbonate (as CaCO ₃)	5.0	52	5.0	190	5.0	180	5.0	92	5.0	62

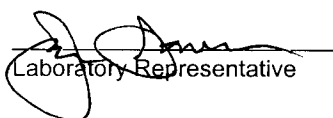
QA/QC %RECOVERY		
	LCS	LCSD
Alkalinity, Total	100	103

QA/QC Analyzed: 10/22/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

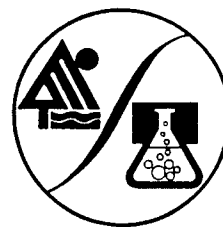
R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

11/04/04
Date Reported

EXCELCHEM
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/26/04

Project: PGCC : WQMON04
Method: SM 4500NH3B,C

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Ammonia	0.030	0.38	0.030	1.0	0.030	0.16	0.030	0.20	0.030	0.18

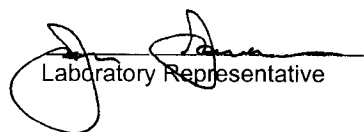
QA/QC %RECOVERY			
	LCS	MS	MSD
Ammonia	98	94	96

QA/QC Analyzed: 10/26/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

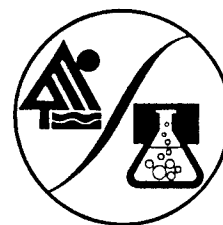
R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

11/04/04
Date Reported

Excelchem
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/20/04

Project: PGCC : WQMON04
Method: EPA 300.0

Client Sample I.D.	K1		C1		PG1		PG5		PG3	
LAB. NO.	0410072-01		0410072-02		0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Nitrate as Nitrogen	0.11	0.29	0.11	ND	0.11	ND	0.11	0.13	0.11	ND
Nitrite as Nitrogen	0.15	ND	0.15	ND	0.15	ND	0.15	ND	0.15	ND
Phosphate as Phosphorus	0.33	ND	0.33	ND	0.33	ND	0.33	ND	0.33	ND

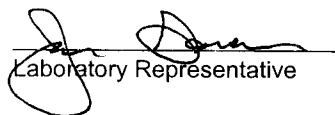
QA/QC %RECOVERY		
	LCS	LCSD
Nitrate as Nitrogen	99	90
Nitrite as Nitrogen	103	100
Phosphate as Phosphorus	93	101

QA/QC Analyzed: 10/20/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

11/04/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMON04

Method: EPA 8081A - Pesticides

Date Sampled:

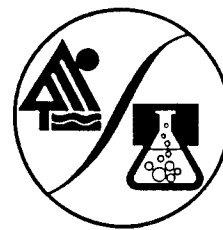
10/19/04

Date Received:

10/19/04

Date Analyzed:

10/26/04



Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Alpha-BHC	0.10	ND	0.10	ND	0.10	ND
Beta-BHC	0.10	ND	0.10	ND	0.10	ND
Gamma-BHC	0.10	ND	0.10	ND	0.10	ND
Delta-BHC	0.10	ND	0.10	ND	0.10	ND
Heptachlor	0.10	ND	0.10	ND	0.10	ND
Aldrin	0.10	ND	0.10	ND	0.10	ND
Heptachlor epoxide	0.10	ND	0.10	ND	0.10	ND
Gamma-Chlordane	0.10	ND	0.10	ND	0.10	ND
Endosulfan I	0.10	ND	0.10	ND	0.10	ND
Alpha-Chlordane	0.10	ND	0.10	ND	0.10	ND
4,4'-DDE	0.10	ND	0.10	ND	0.10	ND
Dieldrin	0.10	ND	0.10	ND	0.10	ND
Endrin	0.10	ND	0.10	ND	0.10	ND
Endosulfan II	0.10	ND	0.10	ND	0.10	ND
4,4'-DDD	0.10	ND	0.10	ND	0.10	ND
Endrin aldehyde	0.10	ND	0.10	ND	0.10	ND
Endosulfan sulfate	0.10	ND	0.10	ND	0.10	ND
4,4'-DDT	0.10	ND	0.10	ND	0.10	ND
Endrin ketone	0.10	ND	0.10	ND	0.10	ND
Methoxychlor	0.10	ND	0.10	ND	0.10	ND
SURROGATE %RECOVERY						
TCMX	81		84		93	

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

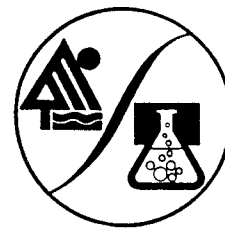
Water samples reported in µg/L


Laboratory Representative

11/04/04

Date Reported

EXCEL
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMON04

Method: EPA 8081A - Pesticides

Date Sampled:

10/19/04

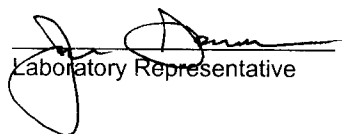
Date Received:

10/19/04

Date Analyzed:

QA/QC %RECOVERY		
	LCS	LCSD
gamma-BHC	87	88
Heptachlor	90	85
Aldrin	78	75
Dieldrin	69	66
Endrin	85	82
4,4'-DDT	103	96

QA/QC Analyzed: 10/26/04


Laboratory Representative

11/04/04

Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

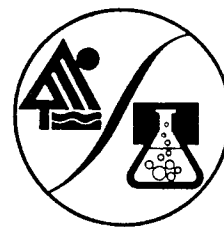
Project: PGCC : WQMON04

Method: EPA 8151

Date Sampled: 10/19/04

Date Received: 10/19/04

Date Analyzed: 10/25/04



Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
2,4-T	0.06	ND	0.06	ND	0.06	ND
2,4-DB	0.2	ND	0.2	ND	0.2	ND
2,4-D	0.04	ND	0.04	ND	0.04	ND
Dalapon	0.02	ND	0.02	ND	0.02	ND
Dicamba	0.03	ND	0.03	ND	0.03	ND
Dichloroprop	0.04	ND	0.04	ND	0.04	ND
Dinoseb	0.05	ND	0.05	ND	0.05	ND
MCPA	10	ND	10	ND	10	ND
MCP	8.0	ND	8.0	ND	8.0	ND
4, Nitrophenol	1.0	ND	1.0	ND	1.0	ND
Pentachlorophenol	0.05	ND	0.05	ND	0.05	ND
Silvex	0.05	ND	0.05	ND	0.05	ND
SURROGATE %RECOVERY						
DCAA	89		95		100	

QA/QC %Recovery		
	LCS	LCSD
2,4-D	107	135
2,4,5-TP (Silvex)	135	145
2,4,5-T	145	150

QA/QC Analyzed: 10/25/04

ND = Not Detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

11/04/04

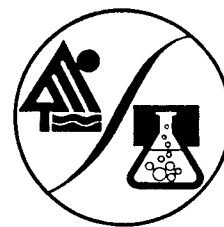
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/25/04

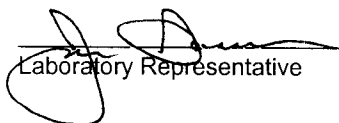
Project: PGCC : WQMON04
Method: EPA 8141A - Organophosphate Pesticides

Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Azinophos Methyl	1.5	ND	1.5	ND	1.5	ND
Bolstar	0.15	ND	0.15	ND	0.15	ND
Coumaphos	1.5	ND	1.5	ND	1.5	ND
Demeton	0.25	ND	0.25	ND	0.25	ND
Diazinon	0.1	ND	0.1	ND	0.1	ND
Dichlorvos	0.1	ND	0.1	ND	0.1	ND
Disulfoton	0.2	ND	0.2	ND	0.2	ND
Dursban (Chlorpyrifos)	0.1	ND	0.1	ND	0.1	ND
Ethoprop	0.25	ND	0.25	ND	0.25	ND
Fensulfothion	2.5	ND	2.5	ND	2.5	ND
Fenthion	0.1	ND	0.1	ND	0.1	ND
Gardona (Stirophos)	0.5	ND	0.5	ND	0.5	ND
Malathion	0.1	ND	0.1	ND	0.1	ND
Merphos	0.25	ND	0.25	ND	0.25	ND
Methyl Parathion	0.1	ND	0.1	ND	0.1	ND
Mevinphos	0.3	ND	0.3	ND	0.3	ND
Naled	0.1	ND	0.1	ND	0.1	ND
Phorate	0.15	ND	0.15	ND	0.15	ND
Ronnel	0.3	ND	0.3	ND	0.3	ND
Tokuthion	0.5	ND	0.5	ND	0.5	ND
Trichloronate	0.15	ND	0.15	ND	0.15	ND
SURROGATE %RECOVERY						
Tributylphosphate	60		68		74	

ND = Not Detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

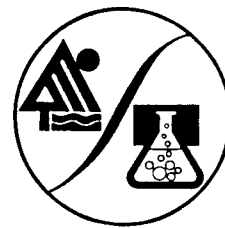
11/04/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: YOLOWATER : MON2004
Method: EPA 8141A - Organophosphate Pesticides

QA/QC %Recovery		
	LCS	LCSD
Diazinon	130	126
Methyl Parathion	100	101
Dursban (Chlorpyrifos)	95	82
Gardona (Stirophos)	96	95

QA/QC Analyzed: 10/25/04


Laboratory Representative

11/04/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMON04

Method: SM 2340C

Date Sampled:

Date Received:

Date Analyzed:

10/19/04

10/19/04

10/22/04



Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Total Hardness as CaCO ₃	5.0	220	5.0	110	5.0	50

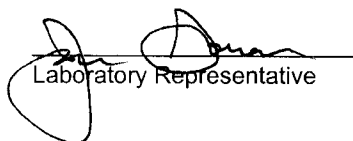
QA/QC %RECOVERY		
	LCS	LCSD
Total Hardness	103	102

QA/QC Analyzed: 10/22/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

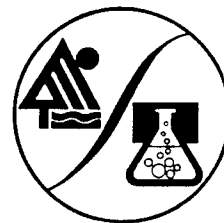
11/04/04

Date Reported

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC : WQMON04
Method: EPA 549.2

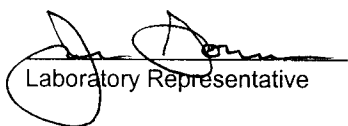
Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/27/04

Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Glyphosate	25	ND	25	ND	25	ND
SURROGATE %RECOVERY						
AMPA	119		127		112	

ND = Not detected. Compound(s) may be at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

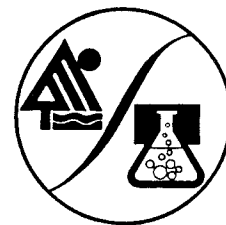
11/04/04
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQMON04
Method: EPA 200.8 and EPA 7470 (Hg)

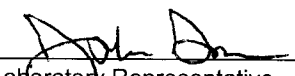
Date Sampled: 10/19/04
Date Received: 10/19/04
Date Analyzed: 10/26,27/04

Client Sample I.D.	PG1		PG5		PG3	
LAB. NO.	0410072-03		0410072-04		0410072-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results
Antimony	0.50	ND	0.50	ND	0.50	ND
Arsenic	1.0	1.6	1.0	1.6	1.0	1.2
Barium	1.0	210	1.0	56	1.0	110
Beryllium	1.0	ND	1.0	ND	1.0	ND
Cadmium	0.50	ND	0.50	ND	0.50	ND
Chromium	0.50	1.6	0.50	2.2	0.50	1.2
Cobalt	0.50	1.2	0.50	0.86	0.50	ND
Copper	1.0	2.4	1.0	2.8	1.0	4.6
Lead	1.0	1.2	1.0	ND	1.0	ND
Mercury	0.20	ND	0.20	ND	0.20	ND
Molybdenum	0.50	1.2	0.50	0.66	0.50	1.2
Nickel	1.0	2.5	1.0	1.7	1.0	1.7
Selenium	0.50	ND	0.50	ND	0.50	ND
Silver	0.50	ND	0.50	ND	0.50	ND
Thallium	0.50	ND	0.50	ND	0.50	ND
Vanadium	1.0	6.2	1.0	5.2	1.0	4.3
Zinc	10	ND	10	ND	10	ND

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in µg/L


Laboratory Representative

11/09/04
Date Reported

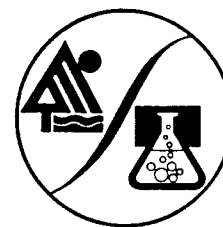
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

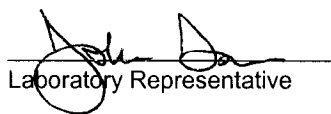
ANALYSIS REPORT



Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC : WQMON04
Method: EPA 200.8 and EPA 7470 (Hg)

QA/QC %RECOVERY			
	LCS	MS	MSD
Antimony	102	91	93
Arsenic	103	89	92
Barium	99	85	122
Beryllium	104	75	76
Cadmium	104	89	91
Chromium	102	84	88
Cobalt	99	84	86
Copper	100	69	72
Lead	104	92	94
Mercury	105	103	103
Molybdenum	100	91	96
Nickel	93	84	89
Selenium	103	90	97
Silver	101	93	95
Thallium	101	93	95
Vanadium	102	85	94
Zinc	111	97	83

QA/QC Analyzed: 10/26,27/04


Laboratory Representative

11/09/04
Date Reported

ENVIRONMENTAL LABS

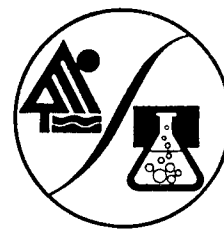
500 Giuseppe Court, Suite 3

Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Amended report



Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC: WQMON04

Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/17/20/05
Date Amended: 03/15/05

Client Sample I.D.		K1		C1		PG1		PG3		PG5	
LAB. NO.		0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	Methods	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Nitrogen, Nitrite (as N)	EPA 300.0	0.15	ND	0.15	ND	0.15	ND	0.15	ND	0.15	ND
Nitrogen, Nitrate (as N)	EPA 300.0	0.11	0.43	0.11	ND	0.11	0.40	0.11	0.33	0.11	2.0
Nitrogen, Ammonia (as N)	EPA 350.2	0.030	0.28	0.030	0.44	0.030	0.21	0.030	0.13	0.030	0.36

QA/QC %RECOVERY		
	LCS	LCSD
Nitrate	91	92
Nitrite	102	110

QA/QC Analyzed: 02/17/05

QA/QC %RECOVERY			
	LCS	MS	MSD
Ammonia	98	83	84

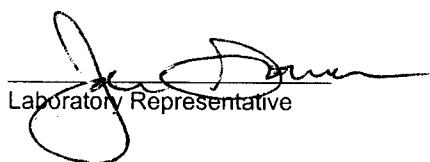
QA/QC Analyzed: 02/20/05

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L

REPORT AMENDED TO GIVE RESULTS FOR NITRATE AND NITRITE AS NITROGEN.


Laboratory Representative

03/14/05
Date Reported

ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/17,20/05

Project: PGCC: WQMON04
Method: EPA 300.0

Client Sample I.D.	K1		C1		PG1		PG3		PG5	
LAB. NO.	0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Phosphate (as P)	0.32	ND	0.32	ND	0.32	ND	0.32	ND	0.32	ND

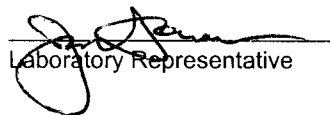
QA/QC %RECOVERY		
	LCS	LCSD
Phosphate (as P)	87	90

QA/QC Analyzed: 02/17/05

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

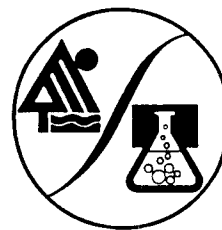
R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

03/15/05
Date Reported

Excelchem
ENVIRONMENTAL LABS



500 Giuseppe Court, Suite 3
Roseville, CA 95678

Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC: WQMON04
Method: EPA 1664

Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/24/05

Client Sample I.D.	K1		C1		PG1		PG3		PG5	
LAB. NO.	0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Oil & Grease	10	ND	10	ND	10	ND	10	ND	10	ND

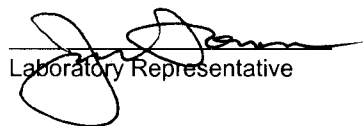
QA/QC %RECOVERY		
	LCS	LCSD
Oil & Grease	90	90

QA/QC Analyzed: 02/24/05

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

03/14/05
Date Reported

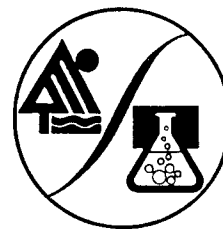
ENVIRONMENTAL LABS

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Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT



Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC: WQMON04
Method: EPA 160.5

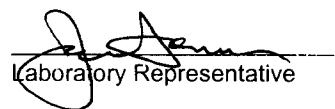
Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/17/05

Client Sample I.D.	K1		C1		PG1		PG3		PG5	
LAB. NO.	0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Settleable Solids	0.10	ND	0.10	ND	0.10	ND	0.10	0.30	0.10	0.10

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in ml/L


Laboratory Representative

03/14/05
Date Reported

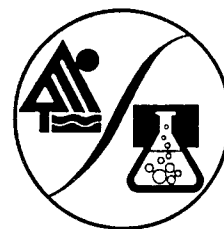
ENVIRONMENTAL LABS

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Roseville, CA 95678

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ANALYSIS REPORT



Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Project: PGCC: WQMON04
Method: EPA 405.1

Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/22/05

Client Sample I.D.	K1		C1		PG1		PG3		PG5	
LAB. NO.	0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Biochemical Oxygen Demand	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND

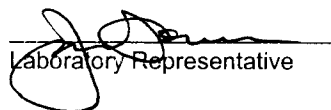
QA/QC %RECOVERY			
	LCS	MS	MSD
Biochemical Oxygen Demand	113	123	112

QA/QC Analyzed:

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L

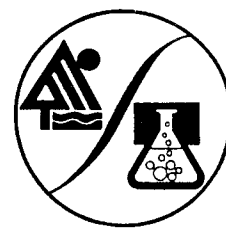

Laboratory Representative

03/14/05
Date Reported

ENVIRONMENTAL LABS

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ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC: WQMON04
Method: EPA 160.1 / EPA 160.2

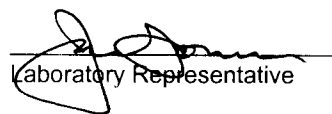
Date Sampled: 02/16/05
Date Received: 02/16/05
TDS Analyzed: 02/23/05
TSS Analyzed: 02/23/05

Client Sample I.D.	K1		C1		PG1		PG3		PG5	
LAB. NO.	0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Total Dissolved Solids	10	120	10	230	10	160	10	150	10	390
Total Suspended Solids	1.0	14	1.0	26	1.0	15	1.0	96	1.0	65

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

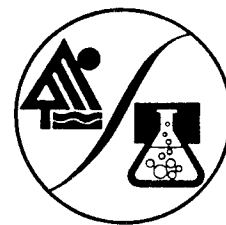
R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

03/14/05
Date Reported

ENVIRONMENTAL LABS



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ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

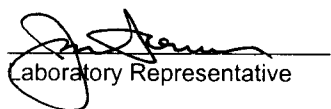
Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/17/05

Project: PGCC: WQMON04
Method: EPA 120.1

Client Sample I.D.	K1	C1	PG1	PG3	PG5
LAB. NO.	0502060-01	0502060-02	0502060-03	0502060-04	0502060-05
ANALYTE	Results	Results	Results	Results	Results
Specific Conductance	64	210	160	130	540

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

Water samples reported in uS/cm


Laboratory Representative

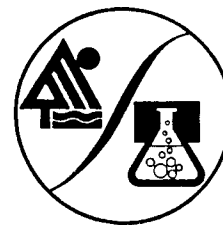
03/14/05
Date Reported

ENVIRONMENTAL LABS

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Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677
Project: PGCC: WQMON04
Method: EPA 180.1

Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/16/05
Matrix: Water
Units: NTU

Client Sample I.D.	K1		C1		PG1		PG3		PG5	
LAB. NO.	0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Turbidity	0.5	14	0.5	49	0.5	15	0.5	46	0.5	23

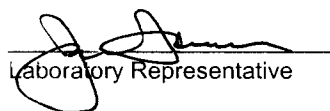
ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Results reported in NTU

QA/QC %RECOVERY		
	LCS	LCSD
Turbidity	101	100

QA/QC Analyzed:


Laboratory Representative

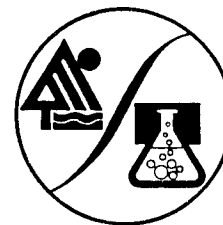
03/14/05
Date Reported

ENVIRONMENTAL LABS

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Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/23/05

Project: PGCC: WQMON04
Method: SM 2320B/EPA 310.1

Client Sample I.D.	K1		C1		PG1		PG3		PG5	
LAB. NO.	0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Hydroxide (as CaCO_3)	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Carbonate (as CaCO_3)	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
Bicarbonate (as CaCO_3)	5.0	24	5.0	98	5.0	72	5.0	52	5.0	92

QA/QC %RECOVERY		
	LCS	LCSD
Alkalinity, Total	101	104

QA/QC Analyzed: 02/23/05

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in mg/L


Laboratory Representative

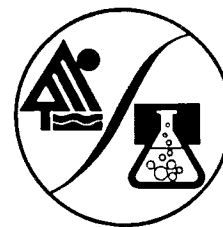
03/14/05
Date Reported

ENVIRONMENTAL LABS

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Phone#: (916) 773-3664 Fax#: (916) 773-4784



ANALYSIS REPORT

Attention: Christian Carleton
Foothill Associates
655 Menlo Drive, Suite 100
Rocklin, CA 95677

Date Sampled: 02/16/05
Date Received: 02/16/05
Date Analyzed: 02/16/05

Project: PGCC: WQMON04
Method: EPA 9221

Client Sample I.D.	K1		C1		PG1		PG3		PG5	
LAB. NO.	0502060-01		0502060-02		0502060-03		0502060-04		0502060-05	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Total Coliform	2	50000	2	8000	2	90000	2	800	2	840
E. Coli	2	13000	2	170	2	50000	2	230	2	500

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.

R/L = Reporting Limit

Water samples reported in MPN/100ml


Laboratory Representative

03/14/05
Date Reported